

STRUCTURE	DEPTH (MLLW)	STRUCTURAL COMPONENTS REMOVED	STRUCTURAL COMPONENTS INSTALLED
MAIN SLIP LEFT AND RIGHT OUTER DOLPHIN	-35 TO -42 FT MLLW	TWO 100-PILE CREOSOTE-TREATED DOLPHINS	ONE 14-PILE AND ONE 26-PILE STEEL DOLPHIN
MAIN SLIP WINGWALLS	-30 FT MLLW	TWO 13-PILE STEEL WINGWALLS	TWO 9-PILE STEEL WINGWALLS
MAIN SLIP LEFT INNER DOLPHIN	-20 FT MLLW	ONE 2-PILE STEEL DOLPHIN	ONE 2-PILE STEEL DOLPHIN
MAIN SLIP TOWERS	-20 FT TO -30 FT MLLW	TWO TIMBER TOWERS EACH CONTAINING 20 CREOSOTE-TREATED TIMBER PILES AND 6 STEEL PILES.	TWO 4-PILE STEEL TOWERS
MAIN SLIP BRIDGE SEAT	-10 FT TO -25 FT MLLW	12 CREOSOTE-TREATED TIMBER PILES	9 STEEL PILES
MAIN SLIP TRANSFER SPAN	-10 FT TO -40 FT MLLW	EXISTING 24-FT-WIDE, 90-FT-LONG TRANSFER SPAN	NEW 24-FT-WIDE, 90-FT-LONG TRANSFER SPAN
MAIN SLIP NEW TRESTLE EXTENSION	-11 FT TO -25 FT MLLW	EXISTING TRANSFER SPAN	48-FT-WIDE, 80-FT-LONG PEDESTRIAN WALKWAY TRESTLE SUPPORTED BY 5 STEEL AND CONCRETE PILES
MAIN SLIP EXISTING TRESTLE	- 8 FT TO -20 FT MLLW	4 CREOSOTE-TREATED TIMBER PILES	15 MICROPILES 2 ACZA STUB PILES
TIE UP SLIP DOLPHIN AND WINGWALL	-18 FT TO -27 FT MLLW. DOLPHIN AT -44 FT MLLW	TWO 28-PILE CREOSOTE-TREATED TIMBER WINGWALLS AND ONE 35-PILE CREOSOTE-TREATED TIMBER DOLPHIN	TWO 6-PILE STEEL WINGWALLS AND ONE 14-PILE STEEL DOLPHIN
TIE UP SLIP TRESTLE	- 8 FT TO -20 FT MLLW	16 CREOSOTE-TREATED TIMBER PILES AND 4 STEEL PILES	4 STEEL PILES
TEMPORARY STRUCTURES	N/A	N/A	TWO 4-PILE STEEL TOWERS 5 STEEL-PILE BRIDGE SEAT 3 STEEL-PILE TRESTLE 7 STEEL-PILE TEMPORARY DOLPHIN
TOTAL PILES		360 CREOSOTE-TREATED TIMBER PILES AND 44 STEEL PILES = 404 PILES TOTAL	129 STEEL PILES + 15 CONTINGENCY PILES* 30 TEMPORARY PILES

*BECAUSE OF DESIGN CONTINGENCIES, WSF IS FACTORING IN 15 MORE STEEL PILES (10% OF THE PROJECT TOTAL) TO ACCOUNT FOR POTENTIAL CHANGES OR ADDITIONAL DAMAGE THAT MAY BE DISCOVERED DURING THE CONSTRUCTION PHASE OF THE PROJECT. THIS IS INTENDED TO PREVENT THE NEED FOR REQUESTING PERMIT REVISIONS IN THE FUTURE

PURPOSE: To ensure safety and continued operation of the Friday Harbor Ferry Terminal

DATUM: USC&SG MLLW=0.00',
MHHW=7.7', MHW 7.11

SEC 27, T35N, R03W W.M.
LAT 48°32'10"N, LONG 123°00'50"W

ADJACENT PROPERTY OWNERS:
1. WILLIAM F. AND LUCIA SARGESON

FRIDAY HARBOR FERRY TERMINAL

PRESERVATION PROJECT

STRUCTURE REMOVAL AND INSTALLATION SUMMARY

PROPOSED: REPAIR TRESTLE AND BULKHEAD,
REPLACE: BRIDGE SEAT, TRANSFER SPAN, TOWERS,
WINGWALLS, & THREE DOLPHINS. IMPROVE TERMINAL
BUILDING AND WAITING AREA. UPGRADE SHORE POWER.
ADD UPLAND RESTROOM.

IN: Friday Harbor, San Juan County, WA

APPLICATION BY: Washington State Department
of Transportation

DATE: 12/04/2003

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